Conduct Site Assessment for the Army Medical Field Feeding System

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Secretary of Defense Donald H. Rumsfeld shakes hands with soldiers after having breakfast at Kirkuk Air Base, Kirkuk, Iraq, on Dec. 6, 2003.

DoD photo by Tech. Sgt. Andy Dunaway, U.S. Air Force. (Released)

Terminal Learning Objective

- Given FM 4-02.56, FM 10-23, TC 8-13 and an operational situation. Identify specific factors and components that support recommendation to commanders for site selection.

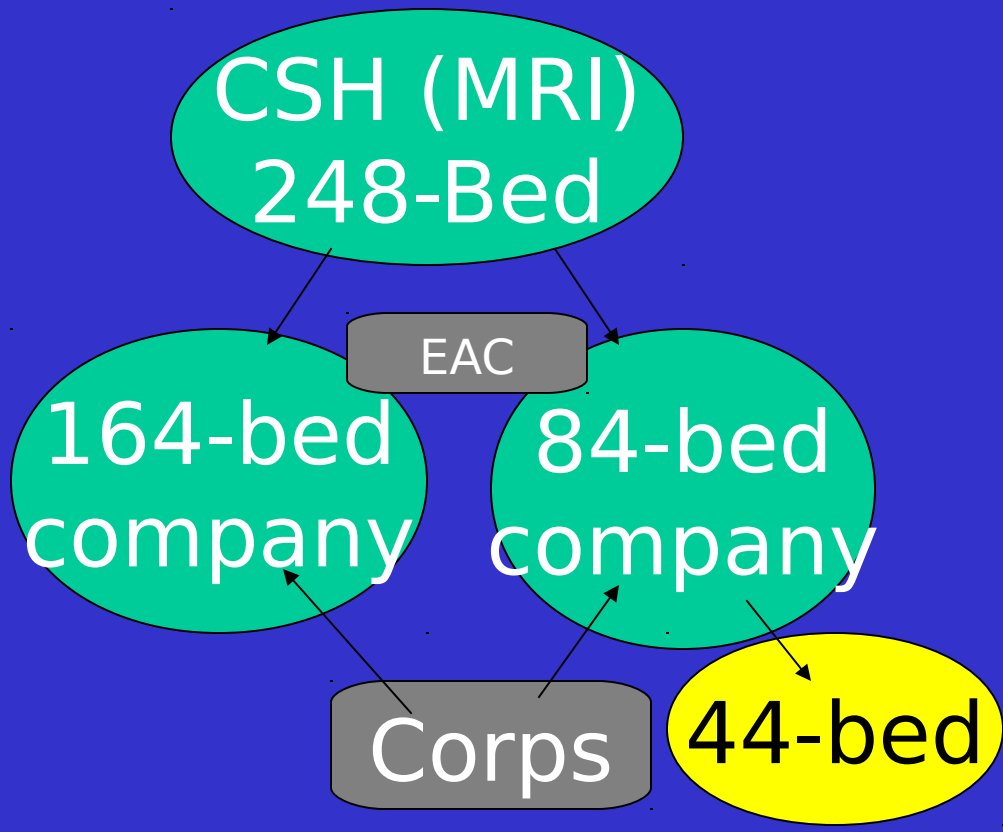
Learning Step Objectives

- Identify terms and definitions associated with the Nutrition Care Site Selection process. (LS 1)
- Assess factors for supporting sound site selections. (LS 2)
- Assess Nutrition Care equipment components necessary to advise Commander. (LS 3)
- Examine and discuss layout diagrams. (LS 4)

Terms and abbreviations

- **MTOE** - Modified Table of Organization and Equipment
- **CSH** – Combat Support Hospital
  - CSH (Echelons Above Corps, EAC)
  - CSH (Corps)

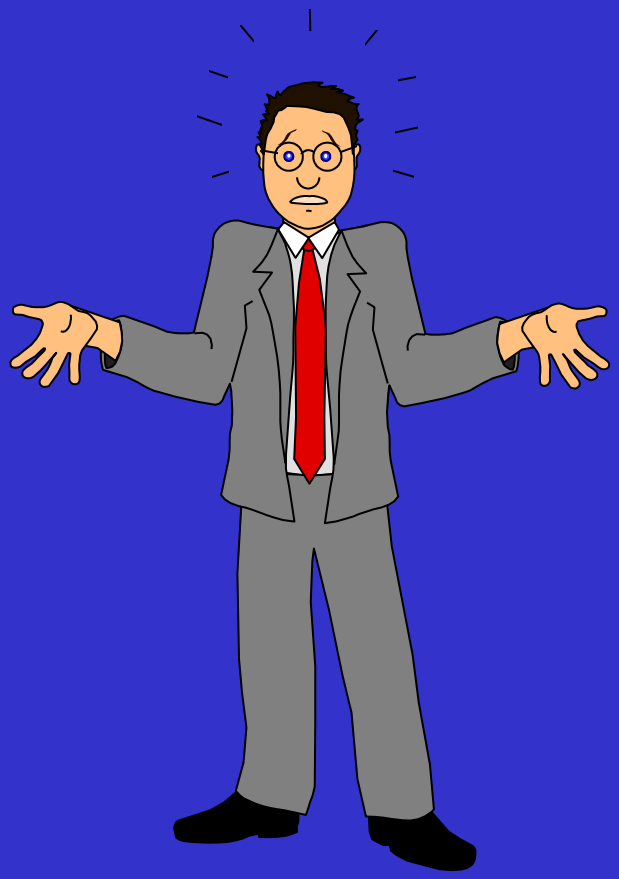
MTOE Document



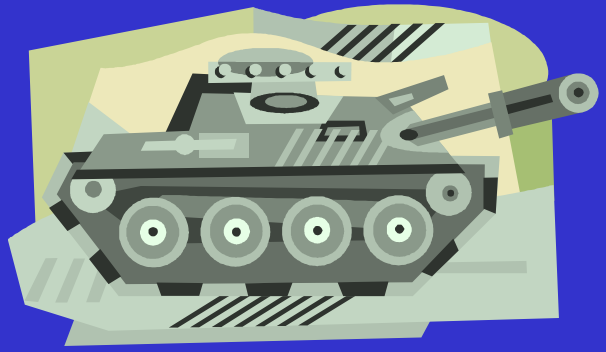
LS 1

Terms and abbreviations

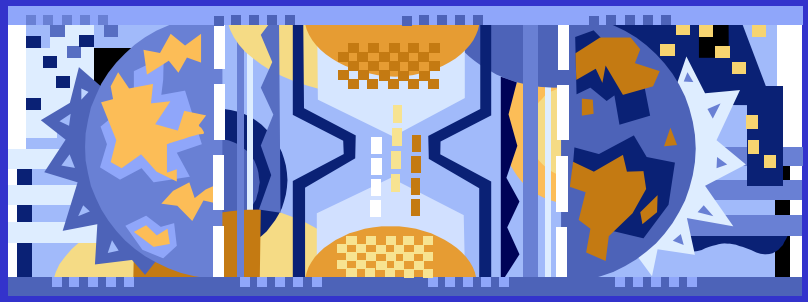
- **NCS** - Nutrition Care Section_
- **FSC** - Food Sanitation Center
- **MFK** - Modular Field Kitchen



Site Selection Factors

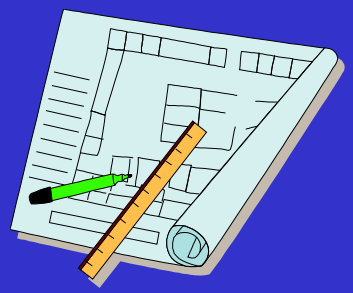


Tactical Situation



Occupancy Time

Environment



Hospital Configuration

- Re-supply operations

LS 2

Tactical Situation

- Operational tempo
- Spacing
- Natural cover
- Sandy and gravel soil
- Access routes
- High ground
- Contamination sources

LS 2

Occupancy in Theater

- Temporary vs. permanent
- Solid waste disposal
- Theater ration policy

LS 2

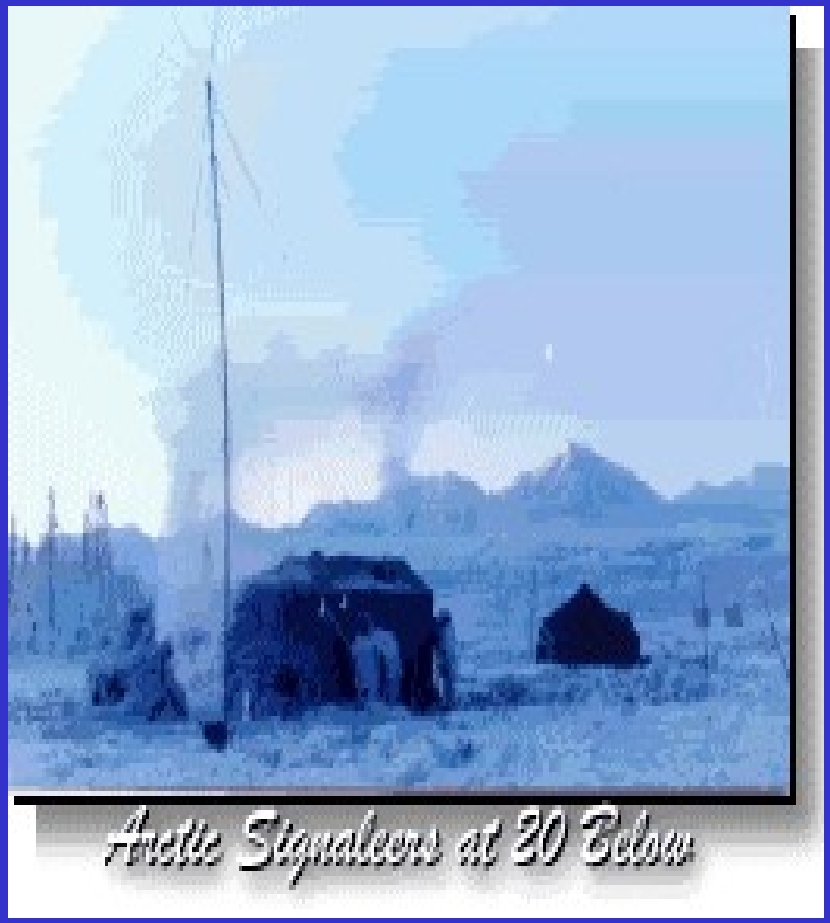
Hospital Configuration

- Access to wards
- Convenience
- Hospital size
- Patient accessibility
- Storage

Figure 2-4. Tent, extendable, modular, personnel (TEMPER).

Environment Issues

- Weather conditions
- Local regulations
- Seasonal conditions



Re-supply

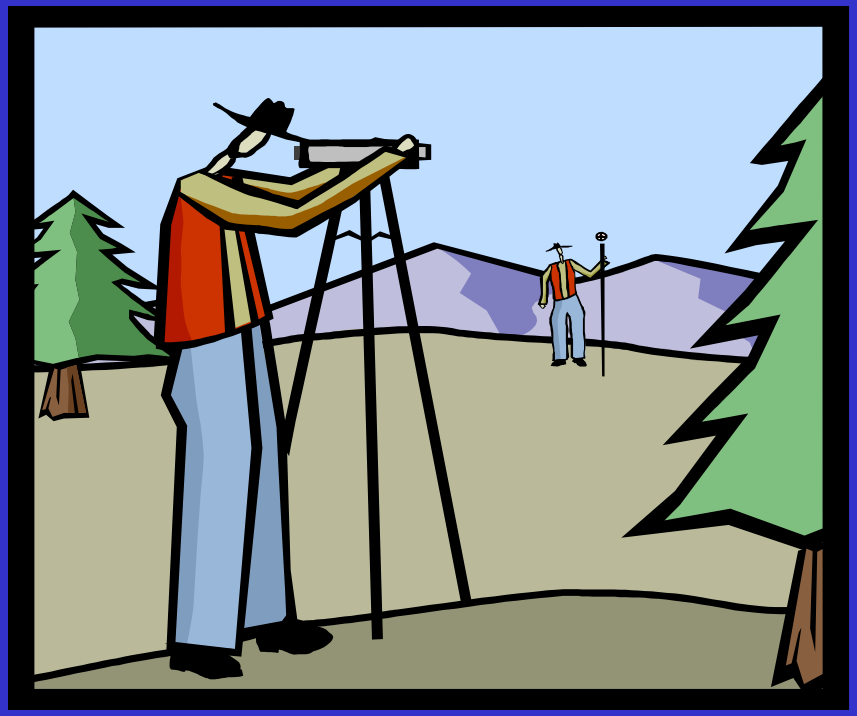
- Water
- Sanitation Centers
- Fuel
- Subsistence
- Non-food supplies

LS 2

Check on Learning

- What are some of the factors which should be taken into consideration when advising the commander on site selection?

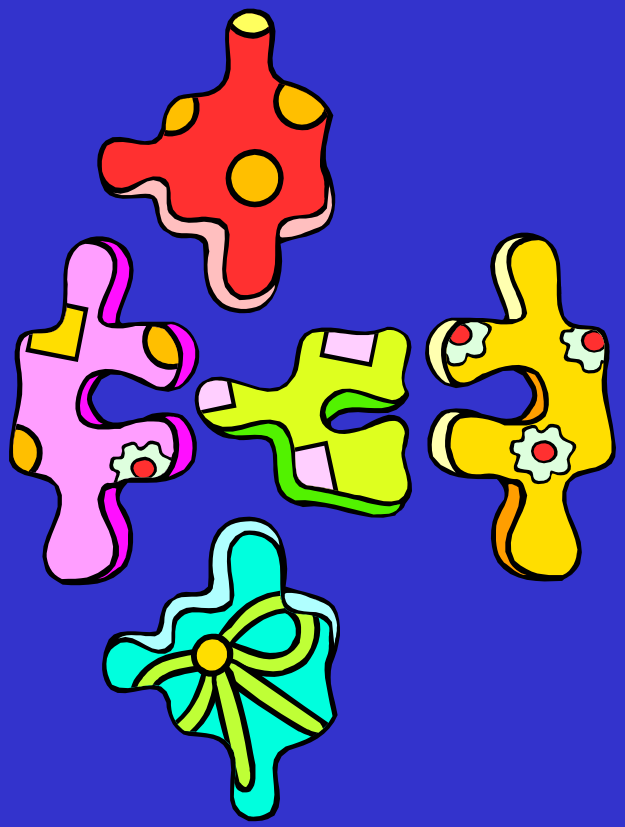
- Answer: Tactical Situation, Occupation in theater, Hospital Configuration, Environmental Concerns, and Re-supply



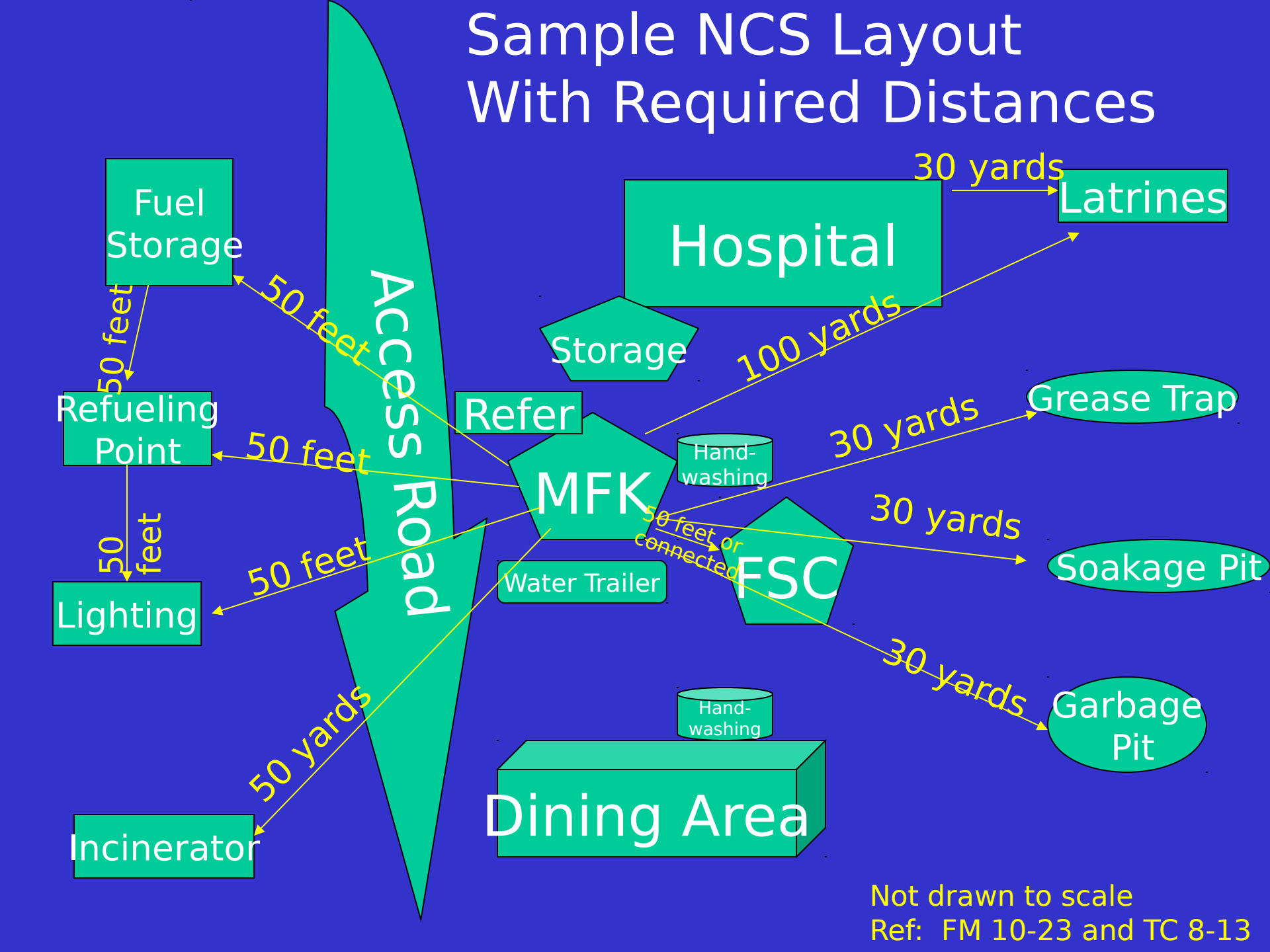
The site is selected.
How should it be organized?

LS 3

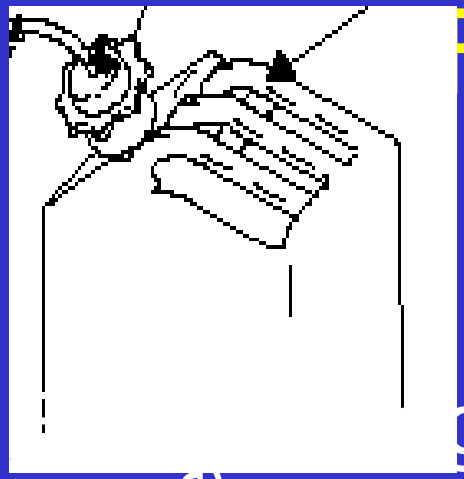
Nutrition Care Section Components



- The pieces to fit in the site
  - Fuel and Lighting areas
  - Solid waste
  - Liquid waste
  - Food Sanitation Center
  - Modular Field Kitchen
  - Storage
  - Refrigeration
  - Hand washing stations
  - Bulk potable water
  - Dining tents


Sample NCS Layout
With Required Distances
Fuel Storage
Hospital
30 yards
Latrines
Access Road
50 feet
50 feet
Storage
100 yards
Refueling Point
Refer
50 feet
MFK
Hand-washing
30 yards
Grease Trap
50 feet
50 feet
50 feet or connected
30 yards
Lighting
50 feet
Water Trailer
FSC
Soakage Pit
30 yards
50 yards
Hand-washing
Garbage Pit
Dining Area
Incinerator
Not drawn to scale
Ref: FM 10-23 and TC 8-13

Fuel & Fire



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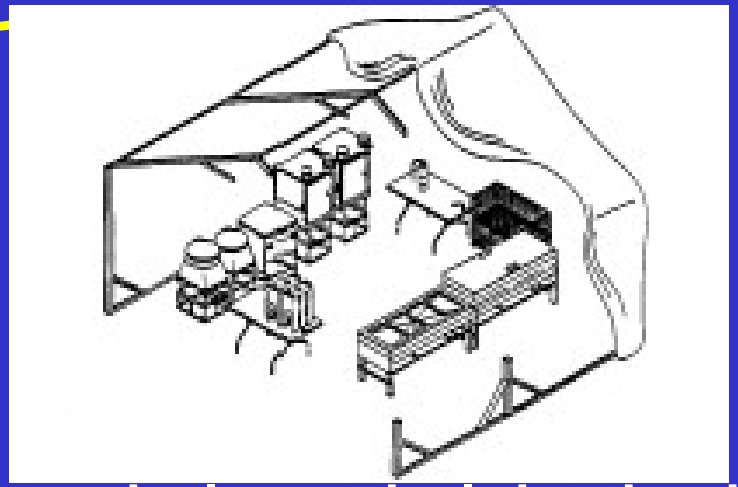
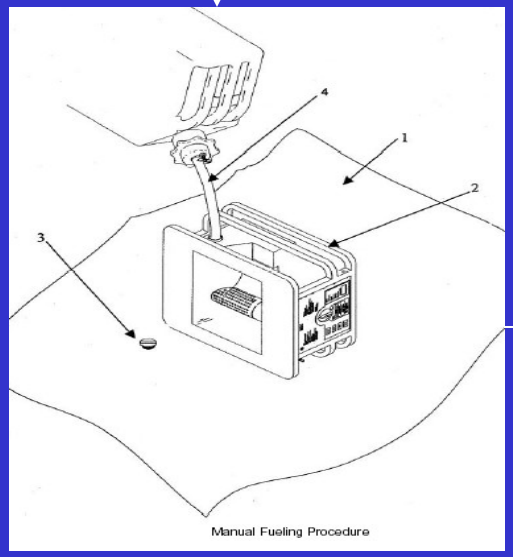


50 fee

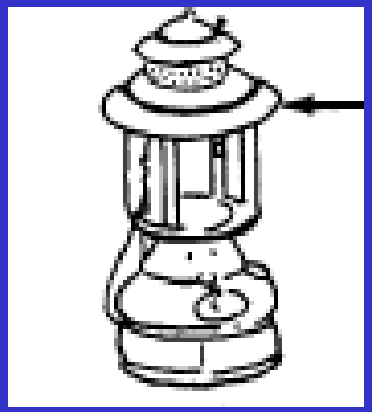
50 feet

50 feet

Modular Field Kitche



50 feet



Lighting Area

Refueling Point

LS 3

Solid Waste

- Burying
  - Garbage Pit
  - Garbage Trench
- Burn in incinerator
- Move in containers

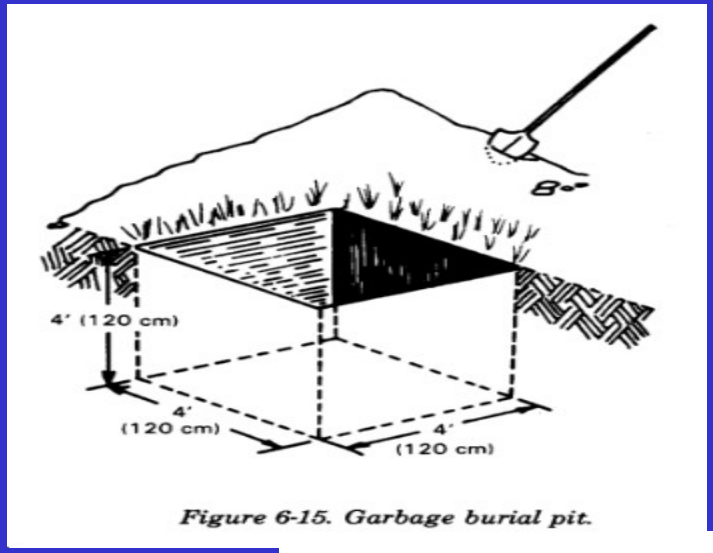
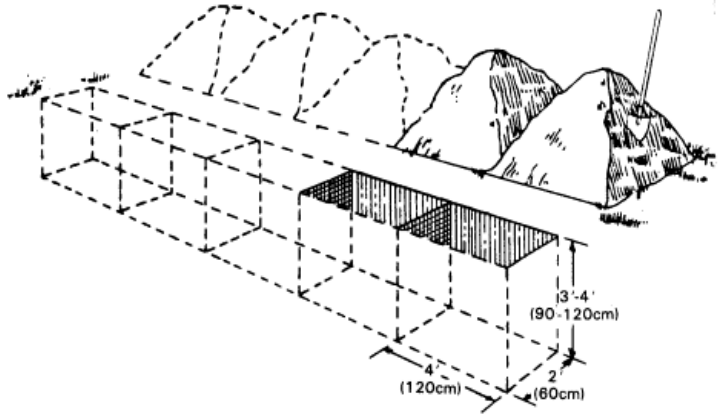


Figure 6-15. Garbage burial pit.



NOTE: EACH SQUARE REPRESENTS APPROXIMATELY 1 DAY'S USAGE. PITS (TRENCHES), SIZE 3'-4' (90-120cm) x 2' (60cm) x 4' (120cm), DO NOT NECESSARILY HAVE TO BE SIDE BY SIDE. COVER CONTENTS AS NECESSARY TO AVOID INSECT OR RODENT INFESTATION. ONCE SITE IS COMPLETELY COVERED, MARK SITE TO AVOID UNCOVERING.

Figure 6-16. Continuous trench.

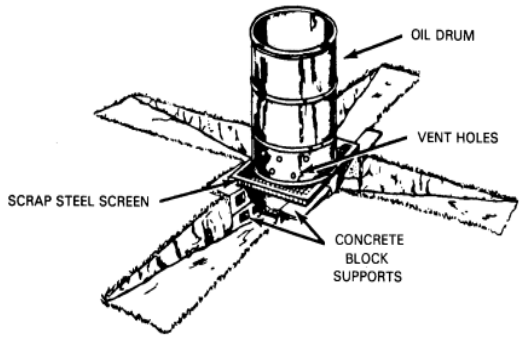
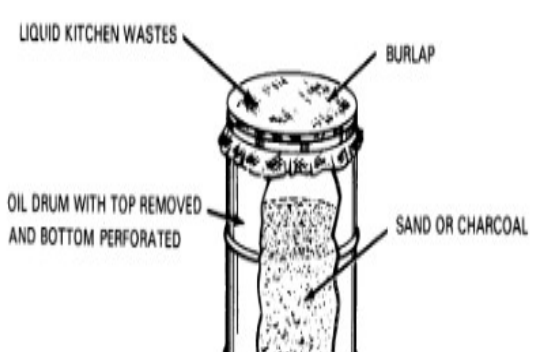


Figure 6-17. Cross-trench incinerator.

LS 3

Liquid Waste

- Soakage pit
- Soakage trench
- Grease trap
- Hand washing



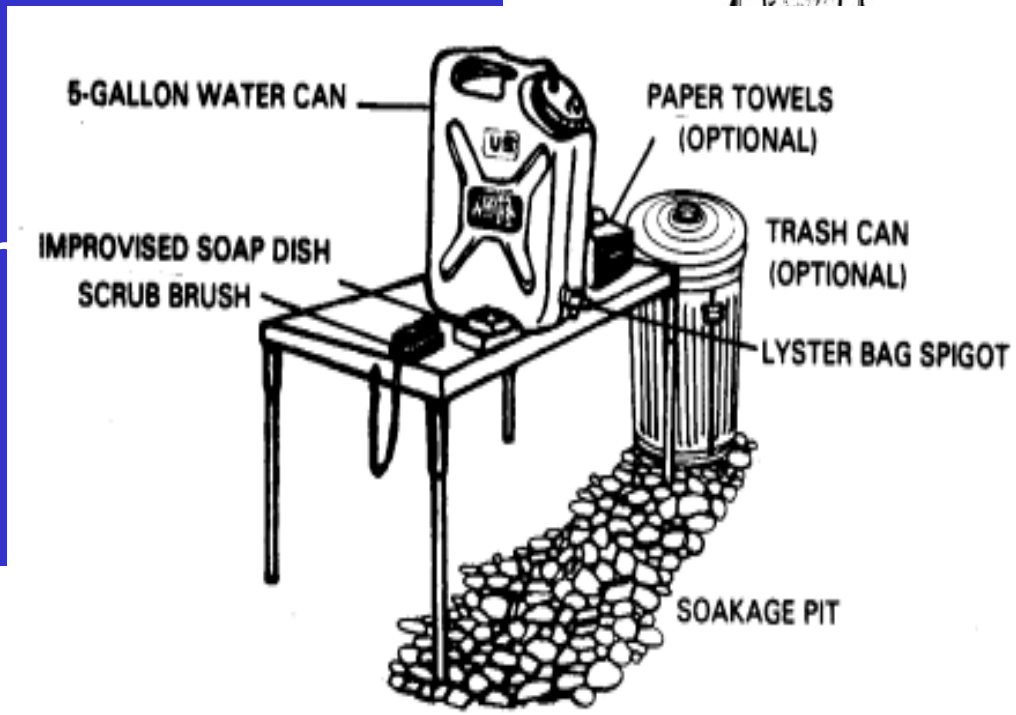


Figure 6-4. Handwashing device using a 5-gallon water can with Lyster bag spigot.

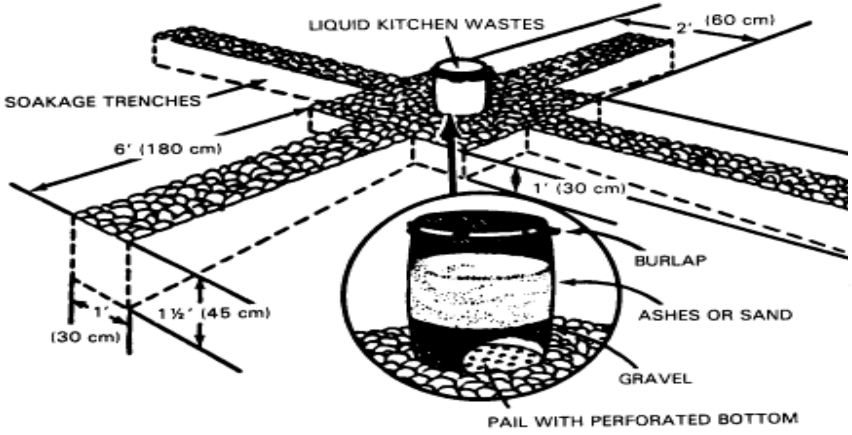


Figure 6-10. Soakage trenches with pail grease trap.

LS 3

Food Sanitation Center

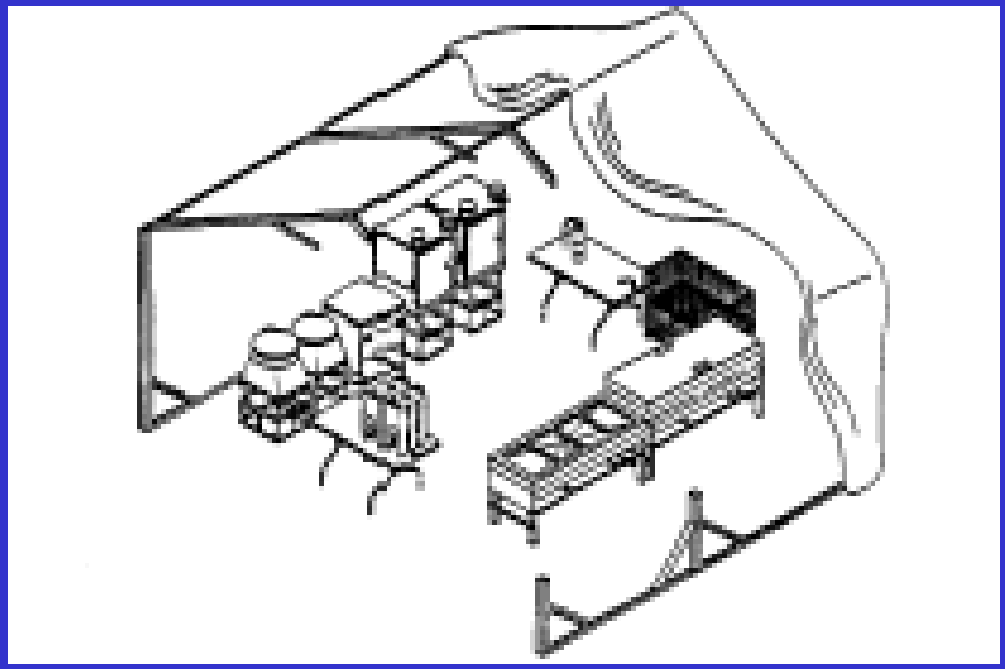
- Drainage
- Operation size
- Spacing

Current FSC

Advanced FSC Prototype 2002

Modular Field Kitchen

- Size of Operation
- MTOE Equipment
- Configuration
- Wind Direction



Dining Tent

- Ownership
- Temper
- General Purpose tents
- Capacity

LS 3

Check on Learning

- What are some of the components which should be taken into consideration while preparing to advise the commander on site selection layout?

- Answer: Fuel and fire locations, solid waste, liquid waste, food sanitation center, modular field kitchen, dining tents.

Diagram Layouts

LS 4

- GAME TIME

QUESTIONS?

SUMMARY

- Identified terms
  - FSC, MFK, NCS, MTOE, CSH
- Factor of site selection
  - tactical situation, occupancy time, hospital configuration, environment , and re-supply operations
- Components for layout
  - Fuel, solid and liquid waste disposal, FSC, MFK, Dining

Reference List

- FM 10-23
  - Basic Doctrine for Army Field Feeding
- FM 4-02.56
  - Army Medical Field Feeding Operations
- AR 30-22
  - The Army Food Program
- TB MED 530
  - Occupational and Environmental Health Food Sanitation
- TC 8-13
  - Deployable Medical Systems